

CLAIMS

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1. A method of informing a packet data services network of dormant network connections associated with a mobile station when the mobile station moves from a first infrastructure element of the packet data services network to a second infrastructure element of the packet data services network, the method comprising the step of:
- transmitting from the mobile station a message including a number of dormant network connections associated with the mobile station and a list of identifiers associated with the dormant network connections.
2. The method of claim 1, wherein the dormant network connections comprise point-to-point protocol connections.
3. The method of claim 1, wherein the first and second infrastructure elements comprise packet data service nodes.
4. The method of claim 1, wherein the identifiers comprise service reference identifiers.
5. The method of claim 1, wherein the message comprises an origination message including an indicator that the dormant network connections are dormant.
6. A mobile station configured to inform a packet data services network of dormant network connections associated with the mobile station when the mobile station moves from a first infrastructure element of the packet data services network to a second infrastructure element of the packet data services network, the mobile station comprising:
- an antenna;
- a processor coupled to the antenna; and
- a processor-readable medium accessible by the processor and containing a set of instructions executable by the processor to modulate and transmit from the mobile station a message including a number of dormant network connections associated with the mobile station and a list of identifiers associated with the dormant network connections.

2 7. The mobile station of claim 6, wherein the dormant network connections comprise point-to-point protocol connections.

2 8. The mobile station of claim 6, wherein the first and second infrastructure elements comprise packet data service nodes.

2 9. The mobile station of claim 16 wherein the identifiers comprise service reference identifiers.

2 10. The mobile station of claim 6, wherein the message comprises an origination message including an indicator that the dormant network connections are dormant.

2 11. A mobile station configured to inform a packet data services network of dormant network connections associated with the mobile station when the mobile station moves from a first infrastructure element of the packet data services network to a second infrastructure element of the packet data services network, the mobile station comprising:

6 a device configured to transmit from the mobile station a message including a number of dormant network connections associated with the mobile station and a list of identifiers associated with the dormant network connections.

2 12. The mobile station of claim 11, wherein the dormant network connections comprise point-to-point protocol connections.

2 13. The mobile station of claim 11, wherein the first and second infrastructure elements comprise packet data service nodes.

2 14. The mobile station of claim 11, wherein the identifiers comprise service reference identifiers.

2 15. The mobile station of claim 11, wherein the message comprises an origination message including an indicator that the dormant network connections are dormant.

2 16. A mobile station configured to inform a packet data services network of dormant network connections associated with the mobile station when the mobile station moves from a first infrastructure element of the packet

4 data services network to a second infrastructure element of the packet data
services network, the mobile station comprising:

6 means for transmitting from the mobile station a message
including a number of dormant network connections associated with the mobile
8 station and a list of identifiers associated with the dormant network
connections.

17. The mobile station of claim 16, wherein the dormant network
2 connections comprise point-to-point protocol connections.

18. The mobile station of claim 16, wherein the first and second
2 infrastructure elements comprise packet data service nodes.

19. The mobile station of claim 16, wherein the identifiers comprise
2 service reference identifiers.

20. The mobile station of claim 16, wherein the message comprises an
2 origination message including an indicator that the dormant network
connections are dormant.